



PATENT
P56672

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

BON-SEUK GOO *et al.*

Serial No.: 10/087,777

Examiner: MAN PHAN

Filed: 5 March 2002

Art Unit: 2665

For: METHOD FOR TRANSMITTING SHORT MESSAGE USING INTERNET
PHONES AND SYSTEM THEREFOR

RESPONSE TO
NOTIFICATION OF NON-COMPLIANT APPEAL BRIEF

Paper No. 23

Commissioner for Patents
P.O.Box 1450
Alexandria, VA 22313-1450


Sir:

In response to the Notification of Non-Compliant Appeal Brief mailed on 14 April 2008 (Paper No. 20080411), Appellants hereby submit a revised Section V of the Appeal Brief previously filed on 1 April 2008 in this application.

CERTIFICATE OF
FACSIMILE TRANSMISSION

I hereby certify that, on 13 May 2008, this correspondence is being facsimile transmitted to the U.S. Patent & Trademark Office (Facsimile No. 571-273-8300)

Total 5 sheets


For Robert E. Bushnell
Reg. No. 27,774

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I.D.: REB/JGS/kf

REMARKS

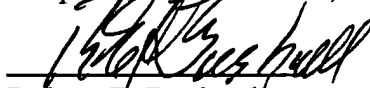
The Notification of Non-Compliant Appeal Brief mailed on 14 April 2008 (Paper No. 20080411) has been carefully considered.

Attached hereto is a revised Section V (pages 7-9) of the Appeal Brief filed on 1 April 2008. Specifically, Section V has been revised to add, with respect to each independent claim (1, 5 and 9), a reference to relevant paragraphs [0023]-[0026], [0028] and [0029] of the specification, and to include further, more detailed references to the claimed elements as shown in the drawings.

Therefore, it is respectfully submitted that the Appeal Brief is compliant with Rules of Practice of the U.S. Patent and Trademark Office, and the appeal process should now proceed.

If there are any questions, the Examiner is requested to telephone Appellants' attorney.

Respectfully submitted,



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V. SUMMARY OF CLAIMED SUBJECT MATTER

The present invention relates generally to a digital communication system for wireless mobile communication terminals based on the H.323 protocol system and, in particular, to a method and system for transmitting a set of short messages, as well as voice communications, between Internet phones using the H.323 protocol system.

The invention provides a message transmission system between a short message transmission server and a gatekeeper. The gatekeeper controls setup of a call and user registration or cancellation in the Internet phone. The Internet phone is optionally connected to the gatekeeper, and has a short message transmission module for transmitting, via a predetermined port, the short message including information corresponding to a telephone number of the called party's Internet phone. The short message transmission server serves as an H.323 terminal registered in the gatekeeper, is constructed to transmit, to the gatekeeper, the information relating to the called party's Internet phone incorporated in the corresponding short message so as to obtain an Internet protocol (IP) address of the called party's Internet phone, and to transmit the short message to the IP address of the called party's Internet phone. The invention allows a user of the Internet phone to transmit the short message service (SMS) message to the called party's Internet phone using the registration admission and status (RAS) protocol of the H.323 multimedia communication protocol.

As recited in independent claim 1, with reference to paragraphs [0023]-[0026], [0028] and [0029] and Figures 3-4 of the application, the invention relates to a system for transmitting a short message in an Internet phone, comprising: a gatekeeper 310 (Figure 3) for controlling setup of a call and at least one of a user registration and a cancellation in the

Internet phone 322 or 324 (Figure 3), said Internet phone being optionally connected with said gatekeeper 310, said Internet phone 322 or 324 having a short message transmission module (shown in Figure 3) for transmitting, via a predetermined port, the short message 401 (Figure 4) including information corresponding to a telephone number of an Internet phone of a called party; and a short message transmission server 330 (Figure 3) for receiving the short message 401 (Figure 4) transmitted by the short message transmission module 322 or 324, and serving as a terminal registered in the gatekeeper 310 for transmitting, to the gatekeeper 310, the information 403 (Figure 4) corresponding to the telephone number of the Internet phone of the called party as included in the short message 401 when the short message 401 is transmitted via the predetermined port, so as to obtain an Internet protocol (IP) address 405 of the Internet phone of the called party, and for transmitting the short message 407 (Figure 4) to the IP address of the Internet phone of the called party.

As recited in independent claim 5, with reference to paragraphs [0023]-[0026], [0028] and [0029] and Figures 3-4 of the application, the invention relates to a method for transmitting a short message in an Internet phone of a calling party, comprising the steps of: providing a short message transmission server 330 (Figure 3) and a gatekeeper 310 (Figure 3); providing the Internet phone 322 or 324 of the calling party with a short message transmission module (*see* Figure 3); transmitting the short message 401 (Figure 4), including a telephone number of an Internet phone of the called party, from the short message transmission module of the Internet phone 322 or 324 of the calling party to the short message transmission server 330 (Figure 3); transmitting a call admission request message 201 (Figure 2) or 403 (Figure 4) from the short message transmission server 330 (Figure 3) to the gatekeeper 310 (Figure 3) with the telephone number of the Internet phone of the

called party included in the transmitted short message 401 (Figure 4), and then receiving from the gatekeeper 310 a call admission confirm message 203 (Figure 2) or 405 (Figure 4) including an Internet protocol (IP) address of the Internet phone of the called party; and transmitting the short message 407 (Figure 4) from the short message transmission server 330 (Figure 3) to the Internet protocol (IP) address of the Internet phone of the called party.

As recited in independent claim 9, with reference to paragraphs [0023]-[0026], [0028] and [0029] and Figures 3 and 4 of the application, the invention relates to a system for transmitting a short message in an Internet phone, comprising: a gatekeeper 310 (Figure 3) for controlling setup of a call; and a short message transmission server 330 connected to said gatekeeper 310; said Internet phone 322 or 324 (Figure 3) transmitting, via a predetermined port to said short message transmission server 330, a short message 401 (Figure 4) including information corresponding to a telephone number of an Internet phone of a called party; and said short message transmission server 330 (Figure 3) transmitting, to the gatekeeper 310, the information 403 (Figure 4) corresponding to the telephone number of the Internet phone of the called party as included in the short message 401 when the short message 401 is transmitted via the predetermined port so as to obtain an Internet protocol (IP) address 405 of the Internet phone of the called party, and for transmitting the short message 407 to the IP address of the Internet phone 322 or 324 (Figure 3) of the called party; wherein said Internet phone 322 or 324 (Figure 3) includes a short message transmission module (shown in Figure 3) for transmitting the short message 401 to the short message transmission server 330.